Main Criteria: Washington State K-12 Learning Standards and Guidelines
Secondary Criteria: Science 3
Subject: Science
Grade: 3
Correlation Options: Show All
Include Correlation Statistics

Washington State K-12 Learning Standards and Guidelines
Science
Grade: **3** - Adopted: **2014**

EALR	**WA.3-PS.**	**PHYSICAL SCIENCE**
BIG IDEA / CORE CONTENT	**3-PS2.**	**Motion and Stability: Forces and Interactions**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-PS2-1.	Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object. **Science 3** Science 3 B - Module 33: Forces in Balance - Balanced and Unbalanced Forces Science 3 B - Module 33: Forces in Balance - Egg Drop
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-PS2-2.	Make observations and/or measurements of an object's motion to provide evidence that a pattern can be used to predict future motion. **Science 3** Science 3 B - Module 33: Forces in Balance - Balanced and Unbalanced Forces Science 3 B - Module 33: Forces in Balance - Egg Drop Science 3 B - Module 33: Forces in Balance - Gravity Science 3 B - Module 33: Forces in Balance - Position and Motion Science 3 B - Module 34: Magnets - Magnetic Cause and Effect
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-PS2-3.	Ask questions to determine cause and effect relationships of electric or magnetic interactions between two objects not in contact with each other. **Science 3** Science 3 A - Module 7: Exploring Energy - Electrical Energy Science 3 B - Module 34: Magnets - Classifying with Magnets Science 3 B - Module 34: Magnets - Magnetic Cause and Effect Science 3 B - Module 36: Using Resources - Magnetic Engineering Solution

CONTENT STANDARD / PERFORMANCE EXPECTATION	3-PS2-4.	Define a simple design problem that can be solved by applying scientific ideas about magnets. **Science 3** Science 3 B - Module 34: Magnets - Classifying with Magnets Science 3 B - Module 34: Magnets - Magnetic Cause and Effect Science 3 B - Module 34: Magnets - Uses of Magnets Science 3 B - Module 36: Using Resources - Magnetic Engineering Solution
EALR	**WA.3-LS.**	**LIFE SCIENCE**
BIG IDEA / CORE CONTENT	**3-LS1.**	**From Molecules to Organisms: Structures and Processes**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS1-1.	Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death. **Science 3** Science 3 A - Module 16: Cycles of Life - Life Cycle of an Animal Science 3 A - Module 16: Cycles of Life - Life Cycle of an Insect Science 3 A - Module 16: Cycles of Life - Life Cycle of an Plant
EALR	**WA.3-LS.**	**LIFE SCIENCE**
BIG IDEA / CORE CONTENT	**3-LS2.**	**Ecosystems: Interactions, Energy, and Dynamics**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS2-1.	Construct an argument that some animals form groups that help members survive. **Science 3** Science 3 A - Module 17: Animal Cooperation - A Herd of Elephants Science 3 A - Module 17: Animal Cooperation - A Pack of Wolves Science 3 A - Module 17: Animal Cooperation - A Pod of Orcas Science 3 B - Module 32: Balanced Ecosystems - Competition and Cooperation
EALR	**WA.3-LS.**	**LIFE SCIENCE**
BIG IDEA / CORE CONTENT	**3-LS3.**	**Heredity: Inheritance and Variation of Traits**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**

CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS3-1.	Analyze and interpret data to provide evidence that plants and animals have traits inherited from parents and that variation of these traits exists in a group of similar organisms. **Science 3** Science 3 A - Module 14: Animals With Backbones - Mammals Science 3 B - Module 25: Nature and Nurture - Evidence of Survival Science 3 B - Module 25: Nature and Nurture - Inherited Traits
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS3-2.	Use evidence to support the explanation that traits can be influenced by the environment. **Science 3** Science 3 B - Module 25: Nature and Nurture - Environmental Traits
EALR	**WA.3-LS.**	**LIFE SCIENCE**
BIG IDEA / CORE CONTENT	**3-LS4.**	**Biological Evolution: Unity and Diversity**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS4-1.	Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. **Science 3** Science 3 B - Module 22: History of the Earth - Fossil Detective Science 3 B - Module 22: History of the Earth - Types of Fossils
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS4-2.	Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing. **Science 3** Science 3 A - Module 3: Plant Adaptations - Surviving Harsh Climates Science 3 B - Module 19: Where Animals Live - Comfortable in a Cave Science 3 B - Module 19: Where Animals Live - Observing Habitats Science 3 B - Module 20: Seasonal Changes - Animals and Seasons Science 3 B - Module 20: Seasonal Changes - Hibernation Science 3 B - Module 20: Seasonal Changes - Migration Science 3 B - Module 21: Biomes Around the World - Aquatic Biomes

		Science 3 B - Module 21: Biomes Around the World - Classifying Biomes 1 Science 3 B - Module 21: Biomes Around the World - Classifying Biomes 2 Science 3 B - Module 25: Nature and Nurture - Environmental Traits Science 3 B - Module 25: Nature and Nurture - Evidence of Survival Science 3 B - Module 26: How Animals Adapt - Camouflage Science 3 B - Module 26: How Animals Adapt - Eyes, Ears, and Beaks Science 3 B - Module 26: How Animals Adapt - Mimicry
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS4-3.	Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all. **Science 3** Science 3 A - Module 3: Plant Adaptations - Surviving Harsh Climates Science 3 B - Module 19: Where Animals Live - Comfortable in a Cave Science 3 B - Module 19: Where Animals Live - Observing Habitats Science 3 B - Module 20: Seasonal Changes - Animals and Seasons Science 3 B - Module 20: Seasonal Changes - Hibernation Science 3 B - Module 20: Seasonal Changes - Migration Science 3 B - Module 21: Biomes Around the World - Aquatic Biomes Science 3 B - Module 21: Biomes Around the World - Classifying Biomes 1 Science 3 B - Module 21: Biomes Around the World - Classifying Biomes 2 Science 3 B - Module 25: Nature and Nurture - Environmental Traits Science 3 B - Module 25: Nature and Nurture - Evidence of Survival Science 3 B - Module 26: How Animals Adapt - Camouflage Science 3 B - Module 26: How Animals Adapt - Eyes, Ears, and Beaks Science 3 B - Module 26: How Animals Adapt - Mimicry
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-LS4-4.	Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.

		Science 3 Science 3 B - Module 27: Survive, Thrive or Perish - Deforestation Science 3 B - Module 27: Survive, Thrive or Perish - Engineer an Environmental Solution Science 3 B - Module 35: Resources All Around Us - Conserving Natural Resources
EALR	**WA.3-ESS.**	**EARTH AND SPACE SCIENCE**
BIG IDEA / CORE CONTENT	**3-ESS2.**	**Earth's Systems**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-ESS2-1.	Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season. **Science 3** Science 3 A - Module 4: Patterns of Earth and Beyond - Seasons Science 3 A - Module 5: Tracking the Weather - The Daily Weather Report Science 3 A - Module 5: Tracking the Weather - Types of Weather Science 3 A - Module 5: Tracking the Weather - Weather Patterns Science 3 A - Module 6: Moving Water Around the World - Water Cycle Weather
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-ESS2-2.	Obtain and combine information to describe climates in different regions of the world. **Science 3** Science 3 A - Module 11: Global Climate Zones - Cold and Polar Climates Science 3 A - Module 11: Global Climate Zones - Dry Climate Science 3 A - Module 11: Global Climate Zones - Tropical and Temperate Climates Science 3 A - Module 5: Tracking the Weather - Weather Patterns Science 3 B - Module 21: Biomes Around the World - Classifying Biomes 1 Science 3 B - Module 21: Biomes Around the World - Classifying Biomes 2
EALR	**WA.3-ESS.**	**EARTH AND SPACE SCIENCE**
BIG IDEA / CORE CONTENT	**3-ESS3.**	**Earth and Human Activity**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-ESS3-1.	Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard. **Science 3**

		Science 3 A - Module 12: Weather Extremes - Thunderstorms Science 3 A - Module 12: Weather Extremes - Winter Storms Science 3 B - Module 24: Fast and Slow Changes on Earth - Earthquakes Science 3 B - Module 24: Fast and Slow Changes on Earth - Erosion Prevention
EALR	**WA.3-5-ETS.**	**ENGINEERING DESIGN**
BIG IDEA / CORE CONTENT	**3-5-ETS1.**	**Engineering Design**
CORE CONTENT / CONTENT STANDARD		**Students who demonstrate understanding can:**
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-5-ETS1-1.	Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost. **Science 3** Science 3 A - Module 12: Weather Extremes - Problems with Floods Science 3 A - Module 9: Heat Transfer - Solar Oven Science 3 B - Module 27: Survive, Thrive or Perish - Engineer an Environmental Solution Science 3 B - Module 36: Using Resources - Magnetic Engineering Solution
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-5-ETS1-2.	Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem. **Science 3** Science 3 A - Module 12: Weather Extremes - Problems with Floods Science 3 A - Module 9: Heat Transfer - Solar Oven Science 3 B - Module 27: Survive, Thrive or Perish - Engineer an Environmental Solution Science 3 B - Module 36: Using Resources - Magnetic Engineering Solution
CONTENT STANDARD / PERFORMANCE EXPECTATION	3-5-ETS1-3.	Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved. **Science 3** Science 3 A - Module 12: Weather Extremes - Problems with Floods Science 3 A - Module 9: Heat Transfer - Solar Oven Science 3 B - Module 27: Survive, Thrive or Perish - Engineer an Environmental Solution

Science 3 B - Module 36: Using Resources - Magnetic Engineering Solution